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(71) Applicant (for all designated States except US): **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(71) Applicant (for AE only): **U.S. PHILIPS CORPORATION** [US/US]; 1251 Avenue of the Americas, New York, NY 10510-8001 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **VAN HOUTUM, Wim** [NL/NL]; P.O. Box 220, NL-5600 AE Eindhoven (NL).

(74) Common Representative: **KONINKLIJKE PHILIPS ELECTRONICS N.V.**; c/o YORKS, Brinton, W., Jr., 22100 Bothell Everett Highway, Bothell, OH 98021 (US).

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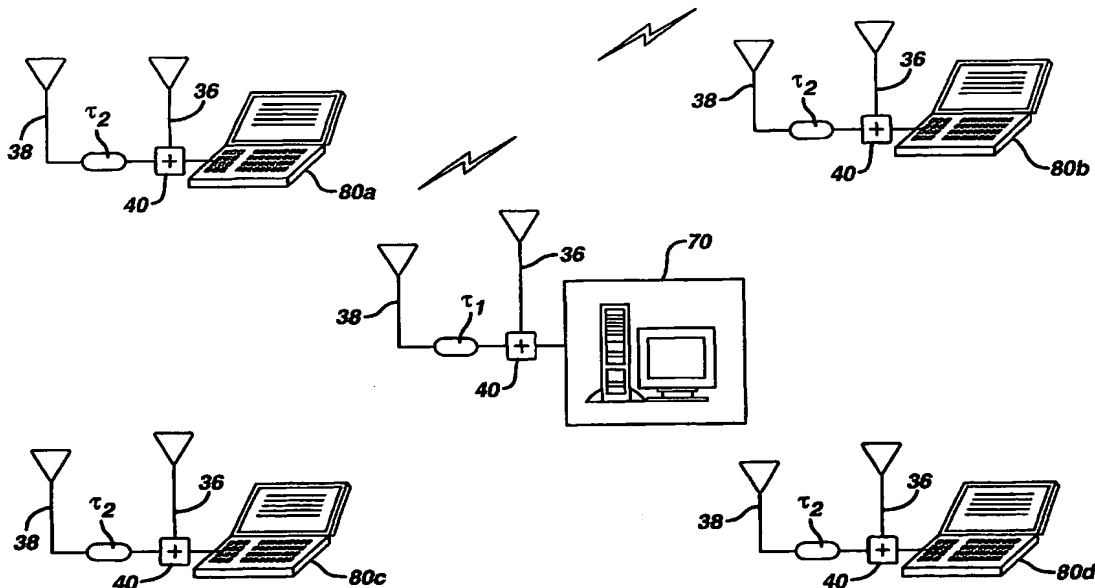
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(54) Title: DELAY DIVERSITY IN A WIRELESS COMMUNICATION SYSTEM



(57) Abstract: A wireless communication system for voice or data such as a WLAN system utilizes multiple transmit antennae and multiple receive antennae. The multiple transmit antennae exhibit different delay paths and the multiple receive antennae exhibit different delay paths. The delay of one of the transmit antennae paths is different from a delay of one of the receive antennae paths. In a preferred embodiment one of the transmit antenna paths uses a non-zero value delay component of a value which differs from the value of a non-zero value delay component of one of the receive antenna paths.

WO 2004/051882 A1



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